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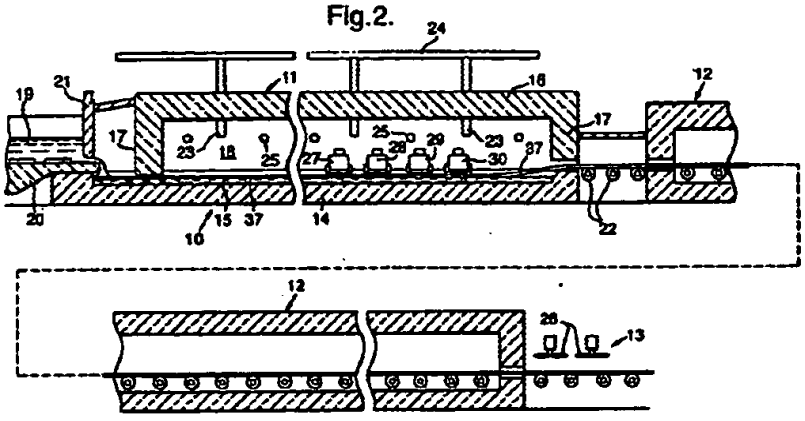
(54) Photocatalytically active coated substrates

(57) A self cleaning photocatalytically active coated substrate, especially a glass substrate, is disclosed, the coated substrate having a photocatalytically active titanium oxide coating on one surface thereof The coated substrate exhibits, in one aspect, high photocatalytic activity of greater than 5 x 10^{-3} $cm^{-1}min^{-1}$ and low visible light reflection measured on the coated side of 35% or lower and in another aspect is durable to abrasion such that the coated surface remains photocatalytically active after it has been subjected to 300 strokes of the European standard abrasion test.

Fig.2.



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